

CASE STUDY

PROMEGA CORPORATION

▸ Solution

- An integrated movement and secure access solution for a DNA analysis machine used for forensic sciences.

▸ Advantage

- Integrated slides and electronic locks provide:
 - Reduced assembly and alignment time
 - Lower SKU and improved inventory control

▸ Benefit

- Fully secured E-lock for custom applications
- Built-in-subversion protection for security validation

“The advantages of working with Accuride are their support, quality, design, and contact with us.”

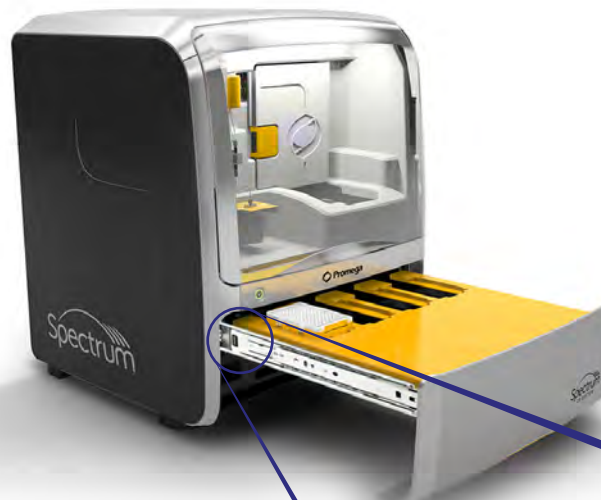
Promega Corporation Buyer

Accuride Provides Fully Integrated Access Solution for Next-Gen Capillary Electrophoresis Instrument from Promega Corporation.



Challenge

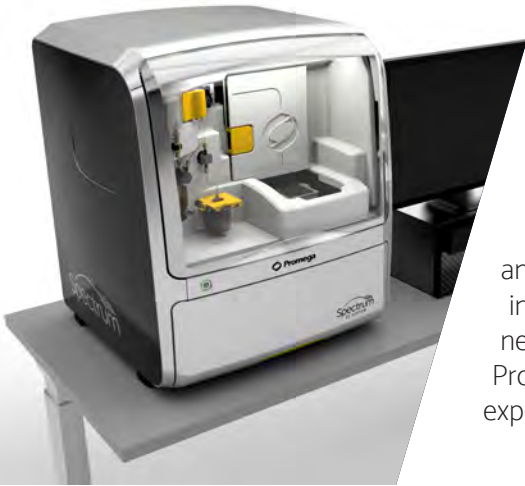
[Promega Corporation](#) needed a movement and access control solution for a new RoHS-compliant DNA analysis instrument. They turned to Accuride for that solution.



Accuride 38EL Integrated Lock & Slide



Background



Promega Corporation is a US manufacturer of life science reagents and instruments for research and forensic laboratories. The company was founded in Madison, WI, in 1978; since then, it has expanded to include five manufacturing facilities (three in the United States), branches in 16 countries, and about 50 distributors throughout the globe. Promega Corporation's clients include local and state police departments, federal law enforcement, crime labs, and universities.

The [Spectrum CE System](#) is a capillary electrophoresis instrument designed for DNA analysis in forensics. The Spectrum CE System is Promega Corporation's first such instrument to include a drawer; thus, it needs a movement solution for that drawer. It also needs an access control solution to protect the drawer's contents and prevent tampering. Promega Corporation's engineer chose Accuride because of his own positive experience working with Accuride products.



Solution

Accuride 38EL integrated electronic lock and movement solution addresses both of Promega Corporation's application needs while also being [RoHS](#)-compliant. For their next-generation design, Promega Corporation sought an Easy-Close solution. Because Promega Corporation can automate movement and access control alignment, the 3832EC Easy-Close and 10EL-2 Electronic Lock are the ideal solutions for them.



Results

The simple installation, configurability, and compact design of Accuride 38EL impressed Promega Corporation. Those benefits enabled Promega Corporation to swiftly and easily employ this dual-solution into an important application, while still having the assurance that their application is truly secure.